

RIO GRANDE, MAVERICK CO., ABOUT EIGHT MILES ABOVE THE  
WEBB CO. LINE

<i>Polygyra texasiana</i> (Moric.)	<i>Pupoides marginatus</i> (Say)
<i>P. t. texasensis</i> Pils.	<i>Gastrocopta contracta</i> (Say)
<i>Thysanophora hornii</i> (Gabb)	<i>G. procera</i> (Gld.)
<i>Holospira mesolia</i> Pils.	<i>G. cristata</i> (P. & V.)
<i>Holospira roemeri</i> (Pfr.)	<i>G. pellucida hordeacella</i>
<i>Retinella indentata</i>	(Pils.)
<i>paucilirata</i> (Mrl.)	<i>G. pentodon</i> (Say)
<i>Hawaiiia minuscula</i> (Binn.)	<i>Gyraulus carus</i> (P. & F.)
<i>H. m. alachuana</i> (Dall)	<i>Drepanotrema cultratum</i>
<i>Helicodiscus singleyanus</i>	<i>labrosum</i> Pils.
(Pils.)	<i>Planorbula obstructa</i> (Mrlt.)
<i>Helicodiscus nummus</i> (Van.)	

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A NEW SPECIES OF FLORIDA UNIO

BY BERLIN HART WRIGHT

UNIO (ELLIPTIO) SANCTORUMJOHANUM, sp. nov. Plate 1.

Shell uniomorphic, reddish, polished, smooth but with bluntly rounded growth ridges. Disc all covered with bright dark green rays collected in ribbon-like bands, almost obscuring the basic epidermal color, especially in the younger, translucent individuals. Epidermis extremely glaucous throughout and glabrous. Form inequilateral, oval, slightly but distinctly biangulate behind and posterior or umbonal ridge well defined but not sharp, and beak sculpture prominently and irregularly sinuate and deeply corrugate. Dorsal margin slightly arched, ventral and posterior margins gracefully rounded, and blunt in front. Cardinal teeth oblique, pointed, finely corrugate, double in left and single in right valve as are also the arched laterals which are well separated from the cardinals and are beautifully and finely sculptured. Pallial impressions distinctly marked and very regular. Posterior cicatrix narrow and smooth posteriorly, and deep auxiliary cicatrix. Anterior cicatrix shallow, poorly defined and smooth. Umbonal cavity fairly deep with four cicatrices in a row at its roof. Nacre brilliantly iridescent with bright coppery hues throughout.

Dimensions: Length 65 mm., altitude 40 mm., diameter 25 mm.

*Habitat*: Lake Druid, near Floral City, Florida, on which front are located the winter homes of the brothers Robert and Edward St. John, in whose honor this extremely lovely naiad is named since they are both students of nature and brought the species to our notice.

*Observations*: The natural place in the family lies between *U. hinkleyi* Wright and *U. pinei* Wright, both east Florida forms. It has the outline of the first and nacrous and epidermal brilliancy of the last. It comes from a water surcharged with lime and yet there is never any calcareous deposit on the shells.

The type is the collection of the United States National Museum, No. 424738, also a paratype, No. 424739. Other paratypes are in the Academy of Natural Sciences at Philadelphia, No. 161016, and in the collection of Walter F. Webb of Rochester, N. Y., who has entered upon the collection and study of the Unionidae with characteristic zeal and thoroughness. Still other paratypes have been placed in the Buffalo Academy of Sciences and the Museum of Comparative Zoology.

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A NEW VARIETY OF VIVIPARUS CONTECTOIDES  
(W. G. BINN) FROM JACKSON CO., FLORIDA

BY ALLAN F. ARCHER

In a sending from O. C. VanHyning, the Museum of Comparative Zoology received two species of Viviparidae. They were collected in streams in the vicinity of Marianna, Jackson County, Florida. *Campeloma floridense* "Call" Pilsbry was collected in a creek tributary to the Chipola River, 5 miles northeast of Marianna, and in Spring Creek, 3 miles southeast of Marianna. In the former locality it is rather elongated, much like *Campeloma lewisii* Walker. In this respect it is like the specimen from the R. E. Call collection now in the M.C.Z. (No. 4476). However, it exhibits